

ABSTRACT.

A method, associated software and resulting printing plate having both solid and halftone
5 areas comprising ink cells. Ink cells may be provided in the solid areas according to a first
pattern with a first density and size of cells per unit area, and in the halftone areas superposed on
selected numbers of halftone dots. The selection of halftone dots with superposed ink cells may
be according to a second pattern with a second density and size of cells in the halftone area that is
a function of halftone dot size and that may or may not be related to the first pattern..